



Replacement Sheet

A.

		BEST AVAILABLE COPY	
human.ZAK1-4 (hCsp2)	1	EFYDPRVRPRVRLQQASIPEDGGFLVLCCLIDRDNWATQCPAAEAQVLTDF8-	NDG-TYACVNDVVFHQVKEKFQ
murine.ZAK1-4 (mCsp2)	1		EFYDPRVPRVRLQQASIPEDGGFLVLCCLIDRDNWATQCPAAEAQVLTDF8-
human.DSCR1 (hCsp1)	1		YNTSSVIACVANGDVSSESTYARPE
hamster.Adapt78	1		MRPDEH-KEFVDFQDSESTYARPE
murine.DSCR1 (mCsp1)	1		KEVDLQDPSSATIACHDPRVFDGLCSAKE
C. elegans	1		KEVDLQDPSSATIACHDPRVFDGLCSAKE
S.cerevisiae	1		KEVDLQDPSSATIACHDPRVFDGLCSAKE
S. Pombe	1		KEVDLQDPSSATIACHDPRVFDGLCSAKE
human.ZAK1-4 (hCsp2)	29	GLFRTYDNCATTFQLEFKSFIRVINFNSNPSSAARARSLHITDQFRGKK-	PKLYFAQVQVTPPEDDGDKLHLAPFQPAKQFL
murine.ZAK1-4 (mCsp2)	80	GLFRTYDECATTFQLEFKSFIRVINFNSNPSSAARARSLHITDQFRGKK-	PKLYFAQVQVTPPEDDGDKLHLAPFQPAKQFL
human.DSCR1 (hCsp1)	8	SLFRTYDKDITTFQLEFKSFIRVINFNSNPSSAADARLQLHKTTEFLGK-	PKLYFAQVQVTPPEDDGDKLHLAPFQPAKQFL
hamster.Adapt78	34	SLFRTYDKDITTFQLEFKSFIRVINFNSNPSSAADARLQLHKTTEFLGK-	PKLYFAQVQVTPPEDDGDKLHLAPFQPAKQFL
murine.DSCR1 (mCsp1)	34	SLFRTYDKDITTFQLEFKSFIRVINFNSNPSSAADARLQLHKTTEFLGK-	PKLYFAQVQVTPPEDDGDKLHLAPFQPAKQFL
C. elegans	53	SLETOQIKDTHEDFLRSFIRVINFNSNPSSAATAKLILQGTSKCKHE-	PKLYFAQVQVTPPEDDGDKLHLAPFQPAKQFL
S.cerevisiae	38	KQINKEPQLLKEKREKTCPSHDIEQHWDALMENP	PKLYFAQVQVTPPEDDGDKLHLAPFQPAKQFL
S. Pombe	16	EFVQQLPVAFTFVNLQGKLVASMIDAVETLKSSTGSLPSCQGQVHCQYVLDQDPPHVGIGSVDQSLQVFT	PKLYFAQVQVTPPEDDGDKLHLAPFQPAKQFL
human.ZAK1-4 (hCsp2)	106	ISPPPSPP-VSRQOPTEDATPVI-	ISPPPSPP-VSRQOPTEDATPVI-TPSVVHVCDSDIEEDEDPK--TS--PKPK
murine.ZAK1-4 (mCsp2)	157	ISPPPSPP-VGWKPPFEDATPVI-	ISPPPSPP-VGWKPPFEDATPVI-TPSVVHVCDSDIEEDEDPK--DT--PKPK
human.DSCR1 (hCsp1)	81	ISPPASPP-VGWKQVEDATPVI-	ISPPASPP-VGWKQVEDATPVI-TPSVVHVCDSDIEEDEDPK--ERMRPCKPK
hamster.Adapt78	107	ISPPASPP-VGWKQVEDATPVI-	ISPPASPP-VGWKQVEDATPVI-TPSVVHVCDSDIEEDEDPK--ERMRPCKPK
murine.DSCR1 (mCsp1)	107	ISPPC3PP-VGWQEDATPVI-	ISPPC3PP-VGWQEDATPVI-TPSVVHVCDSDIEEDEDPK--ERMRPCKPK
C. elegans	128	ISPPASPP-EDISKCEDAPQRE-	ISPPASPP-EDISKCEDAPQRE-TPSVVHVCDSDIEEDEDPK--EPRTPREEPP
S.cerevisiae	112	ISPPASPP-EDISKCEDAPQRE-	ISPPASPP-EDISKCEDAPQRE-TPSVVHVCDSDIEEDEDPK--EPRTPREEPP
S. Pombe	96	ISPPPSPP-VGWPEVVEIFPNS-	ISPPPSPP-VGWPEVVEIFPNS-TPSVVHVCDSDIEEDEDPK--EPRTPREEPP
human.ZAK1-4 (hCsp2)	178	I1QTR--	I1QTR--RP--GLPPSYWM
murine.ZAK1-4 (mCsp2)	227	I1QTR--	I1QTR--RP--GLPPSYWM
human.DSCR1 (hCsp1)	157	I1QTR--	I1QTR--RP--GLPPSYWM
hamster.Adapt78	163	I1QTR--	I1QTR--RP--GLPPSYWM
murine.DSCR1 (mCsp1)	184	I1QTR--	I1QTR--RP--GLPPSYWM
C. elegans	205	SIQESSTYLCCTPSSPITS	SIQESSTYLCCTPSSPITS-TPCINTWPQSLVFCG-
S.cerevisiae	190	Q1ADE--	Q1ADE--VKT--APPKRSIVDTDDD--
S. Pombe			

Figure 1



B.

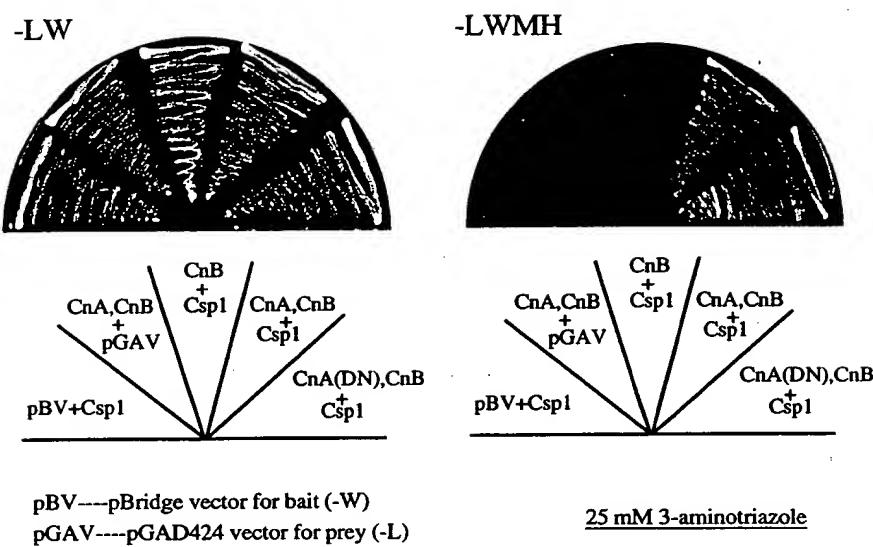


Figure 1 (continued)